


BAR CODE LABEL		U.S. PATENT APPLICATION			
					
SERIAL NUMBER		FILING DATE	CLASS	GROUP ART UNIT	
08/775,864		01/02/97	395	2307	
APPLICANT	RICHARD M. NEMES, BROOKLYN, NY.				
	CONTINUING DATA*** VERIFIED _____				
	FOREIGN/PCT APPLICATIONS*** VERIFIED _____				
FOREIGN FILING LICENSE GRANTED 03/01/97					***** SMALL ENTITY *****
STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS	FILING FEE RECEIVED	ATTORNEY DOCKET NO.
NY	6	8	4	\$425.00	
ADDRESS	RICHARD MICHAEL NEMES 1432 EAST 35TH STREET BROOKLYN NY 11234-2604				
	TITLE				
METHODS AND APPARATUS FOR INFORMATION STORAGE AND RETRIEVAL USING A HASHING TECHNIQUE WITH EXTERNAL CHAINING AND ON-THE-FLY REMOVAL OF EXPIRED DATA					
This is to certify that annexed hereto is a true copy from the records of the United States Patent and Trademark Office of the application which is identified above.					
By authority of the COMMISSIONER OF PATENTS AND TRADEMARKS					
Date		Certifying Officer			